**Select Queries**

**SET-1**

select \*from titles

select title as title\_name from titles

select title as title\_name from titles where pub\_id=1389;

select notes as books from titles where price between 10 and 15

select notes as books from titles where price is NULL ;

select \* from titles where notes like 'The%';

select notes as books from titles where notes NOT like '%V%'

select notes from titles

order by royalty ASC

select notes as books from titles

order by pub\_id DESC, type ASC,price DESC;

select type, avg(price) as avg\_price

from titles

group by type

select title,price from titles

order by price DESC

LIMIT 2;

select DISTINCT type from titles

--12--

select notes as books from titles

where type='business' and price <20 and advance >7000;

select count(\*)notes from titles

--13--

select pub\_id, count(\*)as notes\_count from titles

where price between 15 and 25

and title like '%it%'

group by pub\_id

having count(\*)>2

order by notes\_count ASC;

--14--

select au\_lname as Authors\_name from authors

where state='CA'

--15--

select state, count(\*) as author\_name

from authors

group by state

**SET-2**

--1-

select stor\_id as store\_id ,count(ord\_num) as order\_num

from sales

group by stor\_id

--2--

SELECT t.title AS "Title Name", COUNT(s.ord\_num) AS "Number of Orders"

FROM titles t

LEFT JOIN sales s ON t.title\_id = s.title\_id

GROUP BY t.title;

--3--

SELECT p.pub\_name AS "Publisher Name", t.title AS "Book Name"

FROM publishers p

INNER JOIN titles t ON p.pub\_id = t.pub\_id;

--4--

SELECT CONCAT(au\_fname, ' ', au\_lname) AS "Author Full Name"

FROM authors;

--5--

SELECT title AS "Book Name", price AS "Price", (price + price \* 12.36 / 100) AS "Price with Tax"

FROM titles;

--6--

SELECT CONCAT(au\_fname, ' ', au\_lname) AS "Author Name", title AS "Title Name"

FROM authors

INNER JOIN titleauthor ON authors.au\_id = titleauthor.au\_id

INNER JOIN titles ON titleauthor.title\_id = titles.title\_id;

--7--

SELECT CONCAT(a.au\_fname, ' ', a.au\_lname) AS "Author Name",

t.title AS "Title Name",

p.pub\_name AS "Publisher Name"

FROM authors a

INNER JOIN titleauthor ta ON a.au\_id = ta.au\_id

INNER JOIN titles t ON ta.title\_id = t.title\_id

INNER JOIN publishers p ON t.pub\_id = p.pub\_id;

--8--

SELECT p.pub\_name AS "Publisher Name", AVG(t.price) AS "Average Price"

FROM publishers p

INNER JOIN titles t ON p.pub\_id = t.pub\_id

GROUP BY p.pub\_name;

--9--

SELECT p.pub\_name AS "Publisher Name", AVG(t.price) AS "Average Price"

FROM publishers p

INNER JOIN titles t ON p.pub\_id = t.pub\_id

GROUP BY p.pub\_name;

--10--

SELECT s.ord\_num AS "Order Number"

FROM sales s

INNER JOIN titles t ON s.title\_id = t.title\_id

INNER JOIN publishers p ON t.pub\_id = p.pub\_id

WHERE p.pub\_name = 'New Moon Books';

--11--

SELECT p.pub\_name AS "Publisher Name", COUNT(s.ord\_num) AS "Number of Orders"

FROM publishers p

INNER JOIN titles t ON p.pub\_id = t.pub\_id

LEFT JOIN sales s ON t.title\_id = s.title\_id

GROUP BY p.pub\_name;

--12--

select s.ord\_num as OrderNumber, t.title as BookName, s.qty as Quantity, t.price as Price,

(s.qty \* t.price) as TotalPrice

from Sales s

inner join Titles t on s.title\_id = t.title\_id;

--13--

select T.title as BookName, sum(S.qty) as TotalQuantity

from Titles T

left join Sales S on T.title\_id = S.title\_id

group by T.title

order by TotalQuantity desc

--14—

select t.title as BookName, sum(s.qty \* t.price) as TotalOrderValue

from Titles t

left join Sales s on t.title\_id = s.title\_id

group by t.title

order by totalOrderValue desc

--15—

SELECT s.ord\_num

FROM titles AS t

JOIN sales AS s ON t.title\_id = s.title\_id

JOIN publishers AS p ON t.pub\_id = p.pub\_id

JOIN employee AS e ON p.pub\_id = e.pub\_id

WHERE e.fname = 'Paolo';